

Endeavor Data Summary

Cruise 6/23/2010

Review Date 6/24/2010

Summary:

The Endeavor completed one (1) CTD cast at one (1) station (EN11) on 6/23/2010. This sample site was located in the exclusion zone. Water samples were collected for analysis of TPH and VOA.

Science results and preliminary interpretation:

Sample depths at Station EN11 ranged from approximately 15.5 m to 1400 m. No samples were taken for LISST or Rototox analysis. Sixteen (16) samples were taken for TPH analysis and sixteen (16) samples were taken for volatile organics analysis (VOA), including duplicates.

The Endeavor reported that the AUV Sentry is currently conducting transects east-northeast of the wellhead. The Sentry is equipped with a mass spectrometer, CTD, dissolved oxygen and turbidity sensors. The 20 km transects are being completed at depths of 1000 m, 1100 m and 1300 m.

One CTD plot was included with the Endeavor's daily report. A possible small spike in fluorescence is shown at approximately 800 m. No significant drop in dissolved oxygen was associated with the fluorescence spike; however, a possible very small decrease in dissolved oxygen is present at approximately 800-820 m.

Data are currently being processed. There are no findings to report at this time.